



KANDO[®]: The Cool Revolution from Japan

Biomimetic Soil Technology for the Next Generation of Elite Sports

The Invisible Enemy: 70°C C Surface Temperatures



Standard Rubber Infill: 70°C (158°F)



KANDO® Natural Infill: 40°C Range



Health Risk: Heat exhaustion and severe “turf burn” for athletes.



Equipment Failure: Surface heat sufficient to melt cleat adhesives.



Performance Drop: Radiating ground heat increases fatigue within the 1-meter player zone.

Enter KANDO®: The 'Cold Soil' Solution



A revolutionary, patented infill material derived 100% from natural earth materials, developed in Japan.

Traditional Turf: 70°C

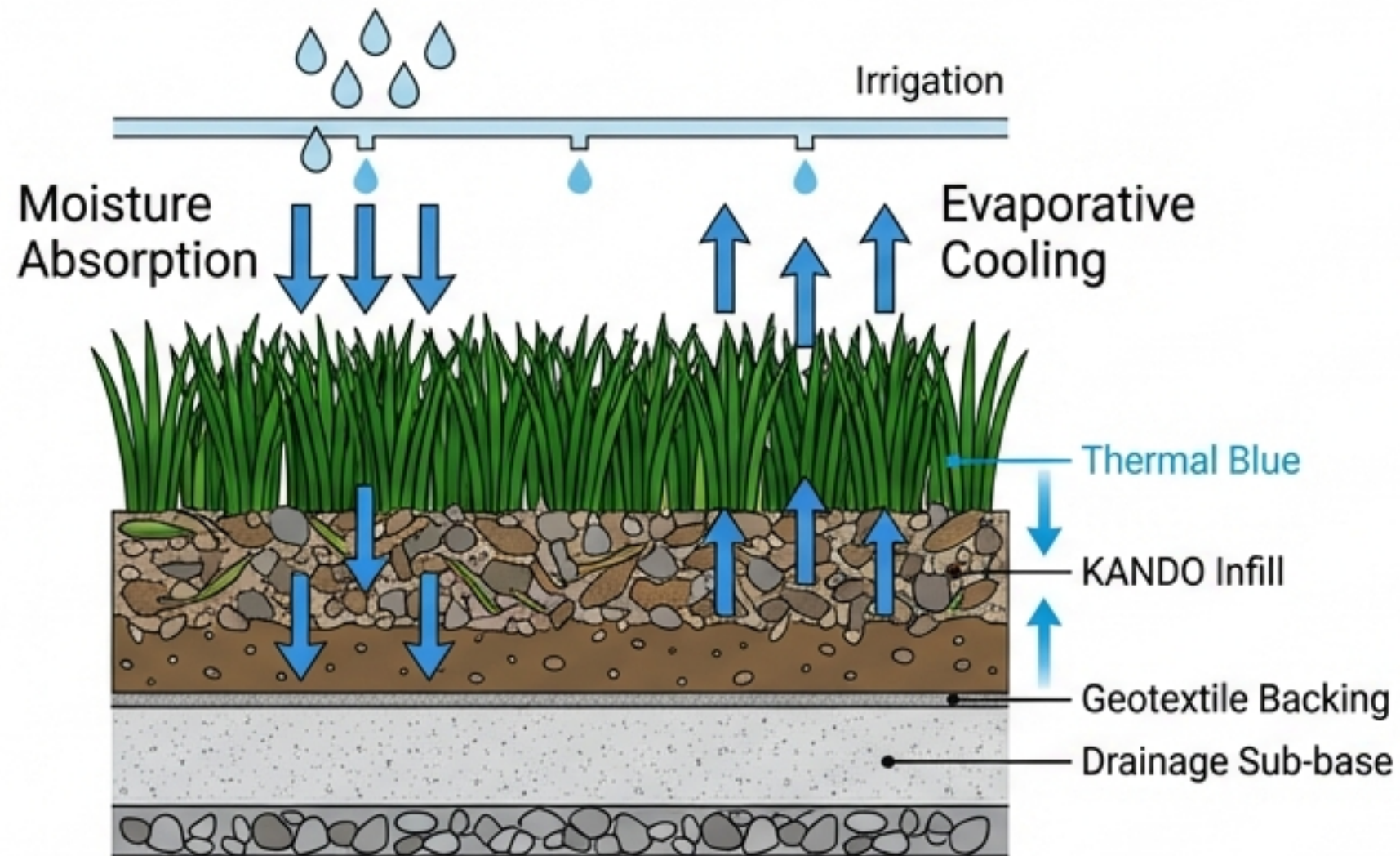


KANDO® Turf: 40°C Range



“We don’t fight nature; we mimic it.”

The Science of Uchimizu (Biomimicry)



- Moisture Retention: KANDO absorbs water unlike hydrophobic rubber.
- Evaporative Cooling: Reacts with moisture and CO_2 to actively cool the air—the thermodynamic principle of a limestone cave.
- Material Composition: Coral Limestone, Tree Bark Fibers, Peat Moss, Vermiculite.

Tested in Extremes: The Hokkaido Proof



The Blanket Effect: KANDO contains porous materials that trap air, creating a natural insulation layer.

Result: The ground does not freeze. Snow melts faster, and cleats penetrate safely, preventing slip-and-fall injuries common on frozen rubber turf.

Zen Modernism meets High-Tech Performance

The Athlete's Safety Net



Static Free (Earthing):
Conductive soil material creates an electrical ground, eliminating static shock.



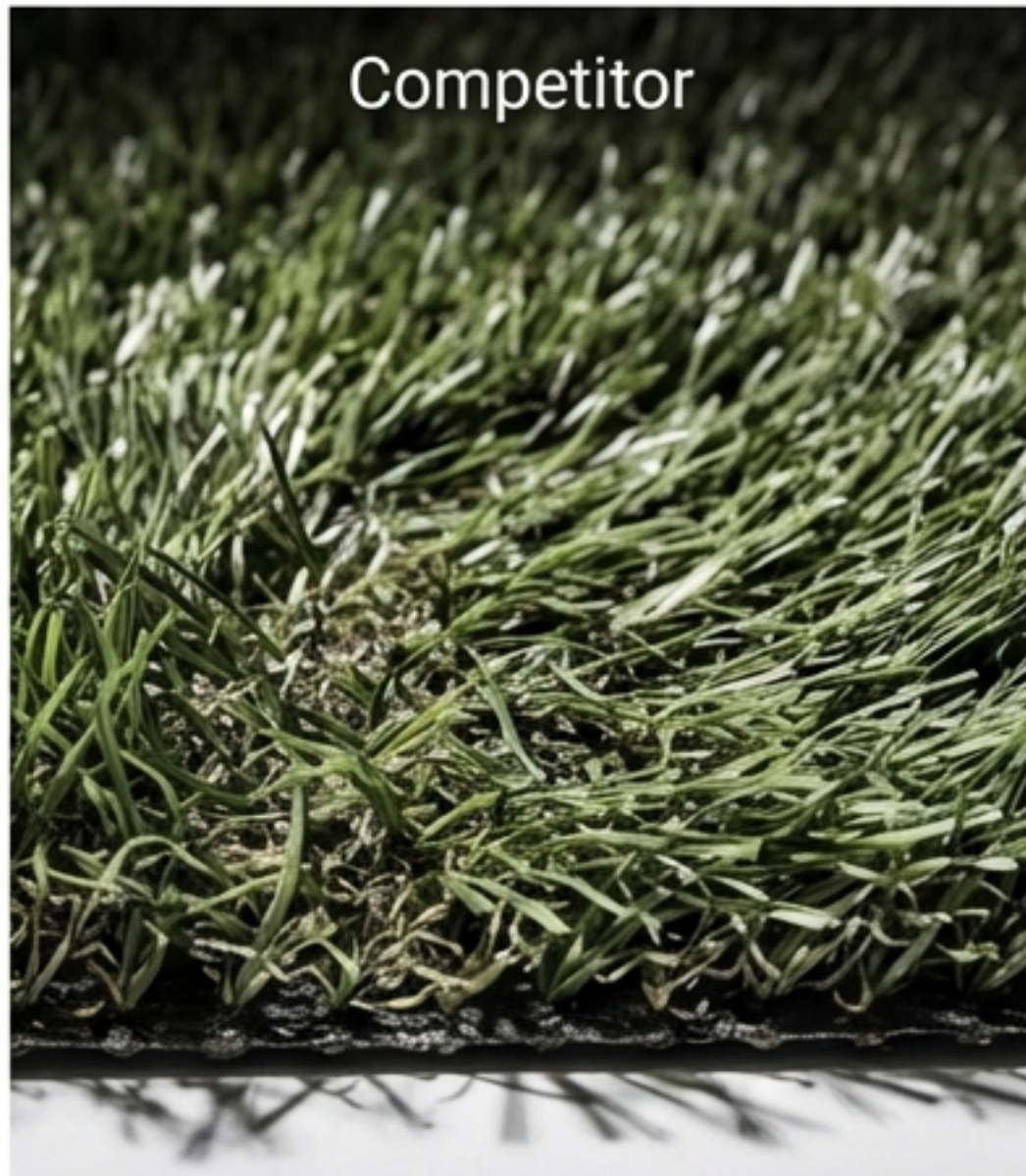
Shock Absorption:
Mimics the cushion of a forest floor, reducing impact on joints and concussion risks.



Hygiene & Odor Control:
Limestone alkalinity provides natural antibacterial properties. Odorless and clean.

Longevity & Protection

Year 5 Performance



3D Support: Soil fills gaps, keeping fibers vertical.



UV Shield: Covers the fiber roots, protecting the system from UV degradation and heat damage.



Maintenance: Treat it like a natural lawn. Simple watering and brushing maintain temperature and structure.



Intellectual Property & Origin



Origin: Made in **Japan**. Developed with Japanese “Monozukuri” precision.

IP Protection: International patents secured, including Indonesia.

Traction: Standard for kindergartens and parks in Japan. Expansion discussions underway for Dubai and Middle East sports facilities.

The Proposal: Experience the Difference

Let's run a test.

We invite you to test KANDO® against standard US turf. We propose shipping a sample roll or installing a test bullpen to demonstrate the cooling capability firsthand.



Don't just watch the game. **Change the ground it's played on.**

Ready for Deployment



Manufacturing:
Turf rolls and
KANDO® soil
material ready for
specification.



Logistics:
Global shipping
via FedEx or
Ocean Freight.



Installation:
Technical
supervision
available by
Japanese
expert teams.

**Contact Information: [Name], [Title],
[Email Address], [Phone Number]**